

CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date: 2/12/2003  
 Edited by: [Signature]  
 Verified by: [Signature] (STIC staff)

Serial Number: 10/063,557

**ENTERED**

# 7

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



OIPE

## RAW SEQUENCE LISTING

DATE: 02/12/2003

PATENT APPLICATION: US/10/063,557

TIME: 08:48:20

Input Set : N:\AMC\Sequence\_Listing\_as\_filedP3230R1C39.txt

Output Set: N:\CRF4\02122003\J063557.raw

3 <110> APPLICANT: Genentech, Inc.  
4 Eaton, Dan L.  
5 Filvaroff, Ellen  
6 Gerritsen, Mary E.  
7 Goddard, Audrey  
8 Godowski, Paul J.  
9 Grimaldi, Christopher J.  
10 Gurney, Austin L.  
11 Watanabe, Colin K.  
12 Wood, William I.  
14 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
15 ACIDS ENCODING THE SAME  
17 <130> FILE REFERENCE: GNE.3230R1C39  
19 <140> CURRENT APPLICATION NUMBER: US 10/063,557  
20 <141> CURRENT FILING DATE: 2002-05-02  
22 <150> PRIOR APPLICATION NUMBER: PCT/US00/23328  
23 <151> PRIOR FILING DATE: 2000-08-24  
25 <150> PRIOR APPLICATION NUMBER: PCT/US99/20111  
26 <151> PRIOR FILING DATE: 1999-09-01  
28 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090  
29 <151> PRIOR FILING DATE: 1999-09-15  
31 <150> PRIOR APPLICATION NUMBER: US 60/169,495  
32 <151> PRIOR FILING DATE: 1999-12-07  
34 <150> PRIOR APPLICATION NUMBER: US 60/170,262  
35 <151> PRIOR FILING DATE: 1999-12-09  
37 <150> PRIOR APPLICATION NUMBER: US 60/175,481  
38 <151> PRIOR FILING DATE: 2000-01-11  
40 <150> PRIOR APPLICATION NUMBER: PCT/US00/04341  
41 <151> PRIOR FILING DATE: 2000-02-18  
43 <150> PRIOR APPLICATION NUMBER: PCT/US00/04342  
44 <151> PRIOR FILING DATE: 2000-02-18  
46 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414  
47 <151> PRIOR FILING DATE: 2000-02-22  
49 <150> PRIOR APPLICATION NUMBER: PCT/US00/05601  
50 <151> PRIOR FILING DATE: 2000-03-01  
52 <150> PRIOR APPLICATION NUMBER: US 60/187,202  
53 <151> PRIOR FILING DATE: 2000-03-03  
55 <150> PRIOR APPLICATION NUMBER: US 60/191,007  
56 <151> PRIOR FILING DATE: 2000-03-21  
58 <150> PRIOR APPLICATION NUMBER: PCT/US00/08439  
59 <151> PRIOR FILING DATE: 2000-03-30  
61 <150> PRIOR APPLICATION NUMBER: US 60/199,397  
62 <151> PRIOR FILING DATE: 2000-04-25

## RAW SEQUENCE LISTING

DATE: 02/12/2003

PATENT APPLICATION: US/10/063,557

TIME: 08:48:20

Input Set : N:\AMC\Sequence\_Listing\_as\_filedP3230R1C39.txt

Output Set: N:\CRF4\02122003\J063557.raw

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64 <150> PRIOR APPLICATION NUMBER: PCT/US00/14042
65 <151> PRIOR FILING DATE: 2000-05-22
69 <150> PRIOR APPLICATION NUMBER: US 60/209,832
70 <151> PRIOR FILING DATE: 2000-06-05
72 <160> NUMBER OF SEQ ID NOS: 170
74 <210> SEQ ID NO: 1
75 <211> LENGTH: 1173
76 <212> TYPE: DNA
77 <213> ORGANISM: Homo Sapien
79 <400> SEQUENCE: 1
80 ggggcttcgg cgccagcggc cagcgctagt cggctcggta aggatttaca 50
82 aaaggtgcag gtatgagcag gtctgaagac taacattttg tgaagttgta 100
84 aaacagaaaa cctgttagaa atgtggtggt ttcagcaagg cctcagtttc 150
86 ctcccttcag cccttgtaat ttggacatct gctgctttca tattttcata 200
88 cattactgca gtaacactcc accatataga cccggcttta ccttatatca 250
90 gtgacactgg tacagtagct ccagaaaaat gcttatttgg ggcaatgcta 300
92 aatattgcgg cagttttatg cattgctacc atttatgttc gttataagca 350
94 agttcatgct ctgagtcctg aagagaacgt tatcatcaaa ttaaacaagg 400
96 ctggccttgt acttgaata ctgagttgtt taggactttc tattgtggca 450
98 aacttccaga aaacaacct tttgctgca catgtaagtg gagctgtgct 500
100 tacctttggg atgggctcat tatatatgtt tgttcagacc atcctttcct 550
102 accaaatgca gcccaaaatc catggcaaac aagtcttctg gatcagactg 600
104 ttgttggtta tctggtgtgg agtaagtgca cttagcatgc tgacttgctc 650
106 atcagttttg cacagtggca attttgggac tgatttagaa cagaaactcc 700
108 attggaacct cgaggacaaa gtttatgtgc ttcacatgat cactactgca 750
110 gcagaatggt ctatgtcatt ttccttcttt ggttttttcc tgacttacat 800
112 tegtgtattt cagaaaattt ctttacgggt ggaagccaat ttacatggat 850
114 taacctctta tgacactgca ccttgcccta ttaacaatga acgaacacgg 900
116 ctactttcca gagatatttg atgaaaggat aaaatatctc tgtaatgatt 950
118 atgattctca gggattgggg aaaggttcac agaagttgct tattcttctc 1000
120 tgaaattttc aaccacttaa tcaaggctga cagtaacact gatgaatgct 1050
122 gataatcagg aaacatgaaa gaagccattt gatagattat tctaaaggat 1100
124 atcatcaaga agactattaa aaacacctat gcctatactt ttttatctca 1150
126 gaaaataaag tcaaaagact atg 1173
128 <210> SEQ ID NO: 2
129 <211> LENGTH: 266
130 <212> TYPE: PRT
131 <213> ORGANISM: Homo Sapien
134 <400> SEQUENCE: 2
135 Met Trp Trp Phe Gln Gly Leu Ser Phe Leu Pro Ser Ala Leu
136 1 5 10 15
138 Val Ile Trp Thr Ser Ala Ala Phe Ile Phe Ser Tyr Ile Thr Ala
139 20 25 30
141 Val Thr Leu His His Ile Asp Pro Ala Leu Pro Tyr Ile Ser Asp
142 35 40 45
144 Thr Gly Thr Val Ala Pro Glu Lys Cys Leu Phe Gly Ala Met Leu
145 50 55 60
147 Asn Ile Ala Ala Val Leu Cys Ile Ala Thr Ile Tyr Val Arg Tyr
148 65 70 75

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## RAW SEQUENCE LISTING

DATE: 02/12/2003

PATENT APPLICATION: US/10/063,557

TIME: 08:48:20

Input Set : N:\AMC\Sequence\_Listing\_as\_filedP3230R1C39.txt

Output Set: N:\CRF4\02122003\J063557.raw

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150  Lys Gln Val His Ala Leu Ser Pro Glu Glu Asn Val Ile Ile Lys
151              80              85              90
153  Leu Asn Lys Ala Gly Leu Val Leu Gly Ile Leu Ser Cys Leu Gly
154              95              100             105
156  Leu Ser Ile Val Ala Asn Phe Gln Lys Thr Thr Leu Phe Ala Ala
157              110             115             120
159  His Val Ser Gly Ala Val Leu Thr Phe Gly Met Gly Ser Leu Tyr
160              125             130             135
162  Met Phe Val Gln Thr Ile Leu Ser Tyr Gln Met Gln Pro Lys Ile
163              140             145             150
165  His Gly Lys Gln Val Phe Trp Ile Arg Leu Leu Leu Val Ile Trp
166              155             160             165
168  Cys Gly Val Ser Ala Leu Ser Met Leu Thr Cys Ser Ser Val Leu
169              170             175             180
171  His Ser Gly Asn Phe Gly Thr Asp Leu Glu Gln Lys Leu His Trp
172              185             190             195
174  Asn Pro Glu Asp Lys Gly Tyr Val Leu His Met Ile Thr Thr Ala
175              200             205             210
177  Ala Glu Trp Ser Met Ser Phe Ser Phe Phe Gly Phe Phe Leu Thr
178              215             220             225
180  Tyr Ile Arg Asp Phe Gln Lys Ile Ser Leu Arg Val Glu Ala Asn
181              230             235             240
183  Leu His Gly Leu Thr Leu Tyr Asp Thr Ala Pro Cys Pro Ile Asn
184              245             250             255
186  Asn Glu Arg Thr Arg Leu Leu Ser Arg Asp Ile
187              260             265
189 <210> SEQ ID NO: 3
190 <211> LENGTH: 2037
191 <212> TYPE: DNA
192 <213> ORGANISM: Homo Sapien
194 <400> SEQUENCE: 3
195  cggacgcgtg ggcggacgcg tgggggagag cgcagtcgcc ggctgcagca 50
199  cctgggagaa ggcagaccgt gtgagggggc ctgtggcccc agcgtgctgt 100
201  ggccctcgggg agtgggaagt ggaggcagga gccttcctta cacttcgcca 150
203  tgagtttccct catcgactcc agcatcatga ttacctccca gatactattt 200
205  tttggatttg ggtggtttt ctcatgcgc caattgttta aagactatga 250
207  gatacgtcag tatgttgtae aggtgatctt ctccgtgacg tttgcatttt 300
209  cttgcacccat gtttgagctc atcatctttg aaatcttagg agtattgaat 350
211  agcagctccc gttattttca ctggaaaatg aacctgtgtg taattctgct 400
213  gatactgggtt ttcattggtc ctttttacat tggctatttt attgtgagca 450
215  atatccgact actgcataaa caacgactgc tttttcctg tctcttatgg 500
217  ctgaccttta tgtatttctt ctggaaacta ggagatccct tcccattct 550
219  cagcccaaaa catgggatct tatccataga acagctcacc agccgggttg 600
221  gtgtgatttg agtgactctc atggctcttc tttctggatt tgggtgctgtc 650
223  aactgcccac acacttacat gtcttacttc ctccaggaatg tgactgacac 700
225  ggatatttct gccctggaac ggagactgct gcaaaccatg gatatgatca 750
227  taagcaaaaa gaaaaggatg gcaatggcac ggagaacaat gttccagaaq 800
229  ggggaagtgc ataacaaacc atcaggttct tggggaatga taadaagltg 850
231  taccacttca gcacaggaa gtgaaaatct tactcttatt caacaggaaq 900

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## RAW SEQUENCE LISTING

DATE: 02/12/2003

PATENT APPLICATION: US/10/063,557

TIME: 08:48:20

Input Set : N:\AMC\Sequence\_Listing\_as\_filedP3230R1C39.txt

Output Set: N:\CRF4\02122003\J063557.raw

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233  tggatgcttt ggaagaatta agcaggcagc tttttctgga aacagctgat 950
235  ctatatgcta ccaaggagag aatagaatac tccaaaacct tcaaggggaa 1000
237  atattttaat tttcttggtt actttttctc tatttactgt gtttggaata 1050
239  ttttcatggc taccatcaat attgtttttg atcgagttgg gaaaacggat 1100
241  cctgtcacia gaggcattga gatcactgtg aattatctgg gaatccaatt 1150
243  tgatgtgaag ttttgggtcc aacacatttc cttcattctt gttggaataa 1200
245  tcatcgtcac atccatcaga ggattgctga tcaactcttac caagttcttt 1250
247  tatgccatct ctagcagtaa gtcctccaat gtcattgtcc tgctattagc 1300
249  acagataatg ggcatgtact ttgtctcttc tgtgctgctg atccgaatga 1350
251  gtatgccttt agaataccgc accataatca ctgaagtcct tggagaactg 1400
253  cagttcaact tctatcaccc ttggtttgat gtgatcttcc tggtcagcgc 1450
255  tctctctagc atactcttcc tctatttggc tcacaaacag gcaccagaga 1500
257  agcaaatggc accttgaact taagcctact acagactgtt agaggccagt 1550
259  ggtttcaaaa tttagatata agagggggga aaaatggaac cagggcctga 1600
261  ctttttataa acaaacaaaa tgctatggta gcatttttca ccttcatagc 1650
264  atactccttc cccgtcaggt gatactatga ccatgagtag catcagccag 1700
266  aacatgagag ggagaactaa ctcaagacaa tactcagcag agagcatccc 1750
268  gtgtggatat gaggctgggt tagaggcgga gaggagccaa gaaactaaag 1800
270  gtgaaaaata cactggaact ctggggcaag acatgtctat ggtagctgag 1850
272  ccaaacacgt aggatttccg ttttaagggt cacatggaaa aggttatagc 1900
274  tttgccttga gattgactca ttaaaatcag agactgtaac aaaaaaaaaa 1950
276  aaaaaaaaaa agggcgccgc cgactctaga gtcgacctgc agaagcttgg 2000
278  ccgccatggc ccaacttggt tattgcagct tataatg 2037

```

280 &lt;210&gt; SEQ ID NO: 4

281 &lt;211&gt; LENGTH: 455

282 &lt;212&gt; TYPE: PRT

283 &lt;213&gt; ORGANISM: Homo Sapien

285 &lt;400&gt; SEQUENCE: 4

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286  Met Ser Phe Leu Ile Asp Ser Ser Ile Met Ile Thr Ser Gln Ile
287      1              5              10              15
289  Leu Phe Phe Gly Phe Gly Trp Leu Phe Phe Met Arg Gln Leu Phe
290              20              25              30
292  Lys Asp Tyr Glu Ile Arg Gln Tyr Val Val Gln Val Ile Phe Ser
293              35              40              45
295  Val Thr Phe Ala Phe Ser Cys Thr Met Phe Glu Leu Ile Ile Phe
296              50              55              60
298  Glu Ile Leu Gly Val Leu Asn Ser Ser Ser Arg Tyr Phe His Trp
299              65              70              75
301  Lys Met Asn Leu Cys Val Ile Leu Leu Ile Leu Val Phe Met Val
302              80              85              90
304  Pro Phe Tyr Ile Gly Tyr Phe Ile Val Ser Asn Ile Arg Leu Leu
305              95              100             105
307  His Lys Gln Arg Leu Leu Phe Ser Cys Leu Leu Trp Leu Thr Phe
308              110             115             120
310  Met Tyr Phe Phe Trp Lys Leu Gly Asp Pro Phe Pro Ile Leu Ser
311              125             130             135
313  Pro Lys His Gly Ile Leu Ser Ile Glu Gln Leu Ile Ser Arg Val
314              140             145             150
316  Gly Val Ile Gly Val Thr Leu Met Ala Leu Leu Ser Gly Phe Gly

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## RAW SEQUENCE LISTING

DATE: 02/12/2003

PATENT APPLICATION: US/10/063,557

TIME: 08:48:20

Input Set : N:\AMC\Sequence\_Listing\_as\_filedP3230R1C39.txt

Output Set: N:\CRF4\02122003\J063557.raw

317		155		160		165
319	Ala Val Asn Cys	Pro Tyr Thr Tyr Met	Ser Tyr Phe Leu Arg Asn			
320		170		175		180
322	Val Thr Asp Thr	Asp Ile Leu Ala Leu	Glu Arg Arg Leu Leu Gln			
323		185		190		195
325	Thr Met Asp Met	Ile Ile Ser Lys Lys	Lys Arg Met Ala Met Ala			
326		200		205		210
329	Arg Arg Thr Met	Phe Gln Lys Gly Glu	Val His Asn Lys Pro Ser			
330		215		220		225
332	Gly Phe Trp Gly	Met Ile Lys Ser Val	Thr Thr Ser Ala Ser Gly			
333		230		235		240
335	Ser Glu Asn Leu	Thr Leu Ile Gln Gln	Glu Val Asp Ala Leu Glu			
336		245		250		255
338	Glu Leu Ser Arg	Gln Leu Phe Leu Glu	Thr Ala Asp Leu Tyr Ala			
339		260		265		270
341	Thr Lys Glu Arg	Ile Glu Tyr Ser Lys	Thr Phe Lys Gly Lys Tyr			
342		275		280		285
344	Phe Asn Phe Leu	Gly Tyr Phe Phe Ser	Ile Tyr Cys Val Trp Lys			
345		290		295		300
347	Ile Phe Met Ala	Thr Ile Asn Ile Val	Phe Asp Arg Val Gly Lys			
348		305		310		315
350	Thr Asp Pro Val	Thr Arg Gly Ile Glu	Ile Thr Val Asn Tyr Leu			
351		320		325		330
353	Gly Ile Gln Phe	Asp Val Lys Phe Trp	Ser Gln His Ile Ser Phe			
354		335		340		345
356	Ile Leu Val Gly	Ile Ile Ile Val Thr	Ser Ile Arg Gly Leu Leu			
357		350		355		360
359	Ile Thr Leu Thr	Lys Phe Phe Tyr Ala	Ile Ser Ser Ser Lys Ser			
360		365		370		375
362	Ser Asn Val Ile	Val Leu Leu Leu Ala	Gln Ile Met Gly Met Tyr			
363		380		385		390
365	Phe Val Ser Ser	Val Leu Leu Ile Arg	Met Ser Met Pro Leu Glu			
366		395		400		405
368	Tyr Arg Thr Ile	Ile Thr Glu Val Leu	Gly Glu Leu Gln Phe Asn			
369		410		415		420
371	Phe Tyr His Arg	Trp Phe Asp Val Ile	Phe Leu Val Ser Ala Leu			
372		425		430		435
374	Ser Ser Ile Leu	Phe Leu Tyr Leu Ala	His Lys Gln Ala Pro Glu			
375		440		445		450
377	Lys Gln Met Ala	Pro				
378		455				
380	<210> SEQ ID NO: 5					
381	<211> LENGTH: 2372					
382	<212> TYPE: DNA					
383	<213> ORGANISM: Homo Sapien					
385	<400> SEQUENCE: 5					
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388	cctcaacata gttccagaac tctccatccg gaclagltat tgagcatctg 100					
390	cctctcatat caccagtggc catctgaggt gtttccctgg ctctgaaggg 150					

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/063,557

DATE: 02/12/2003  
TIME: 08:48:21

Input Set : N:\AMC\Sequence\_Listing\_as\_filedP3230R1C39.txt  
Output Set: N:\CRF4\02122003\J063557.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:73; N Pos. 1528



OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/063,557

DATE: 02/12/2003

TIME: 07:59:05

Input Set : N:\AMC\Sequence\_Listing\_as\_filedP3230R1C39.txt  
 Output Set: N:\CRF4\02122003\J063557.raw

2 <110> APPLICANT: Genentech, Inc.  
 3     Eaton, Dan I.  
 4     Filvaroff, Ellen  
 5     Gerritsen, Mary E.  
 6     Goddard, Audrey  
 7     Godowski, Paul J.  
 8     Grimaldi, Christopher J.  
 9     Gurney, Austin L.  
 10     Watanabe, Colin K.  
 11     Wood, William L.  
 12 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 13     ACIDS ENCODING THE SAME  
 14 <130> FILE REFERENCE: GNE.0706P1C39  
 15 <140> CURRENT APPLICATION NUMBER: US 10/063,557  
 16 <141> CURRENT FILING DATE: 2001-01-02  
 17 <150> PRIORITY APPLICATION NUMBER: PCT/US00/10328  
 18 <151> PRIORITY FILING DATE: 2000-08-24  
 19 <150> PRIORITY APPLICATION NUMBER: PCT/US99/01111  
 20 <151> PRIORITY FILING DATE: 1999-09-01  
 21 <150> PRIORITY APPLICATION NUMBER: PCT/US99/01000  
 22 <151> PRIORITY FILING DATE: 1999-09-15  
 23 <150> PRIORITY APPLICATION NUMBER: US 60/169,495  
 24 <151> PRIORITY FILING DATE: 1999-12-07  
 25 <150> PRIORITY APPLICATION NUMBER: US 60/176,262  
 26 <151> PRIORITY FILING DATE: 1999-12-09  
 27 <150> PRIORITY APPLICATION NUMBER: US 60/176,481  
 28 <151> PRIORITY FILING DATE: 1999-01-21  
 29 <150> PRIORITY APPLICATION NUMBER: PCT/US00/04341  
 30 <151> PRIORITY FILING DATE: 2000-02-18  
 31 <150> PRIORITY APPLICATION NUMBER: PCT/US00/04342  
 32 <151> PRIORITY FILING DATE: 2000-02-18  
 33 <150> PRIORITY APPLICATION NUMBER: PCT/US00/04344  
 34 <151> PRIORITY FILING DATE: 2000-02-22  
 35 <150> PRIORITY APPLICATION NUMBER: PCT/US00/05601  
 36 <151> PRIORITY FILING DATE: 2000-03-01  
 37 <150> PRIORITY APPLICATION NUMBER: US 60/187,202  
 38 <151> PRIORITY FILING DATE: 2000-03-03  
 39 <150> PRIORITY APPLICATION NUMBER: US 60/191,007  
 40 <151> PRIORITY FILING DATE: 2000-03-03  
 41 <150> PRIORITY APPLICATION NUMBER: PCT/US00/06439  
 42 <151> PRIORITY FILING DATE: 2000-03-10  
 43 <150> PRIORITY APPLICATION NUMBER: US 60/199,397  
 44 <151> PRIORITY FILING DATE: 2000-04-25

Does Not Comply  
 Corrected Diskette Needed

P.2



## RAW SEQUENCE LISTING

DATE: 02/12/2003

PATENT APPLICATION: US/10/063,557

TIME: 07:59:05

Input Set : N:\AMC\Sequence\_Listing\_as\_filedP3230R1C39.txt

Output Set: N:\CRF4\02122003\J063557.raw

64 (150) PRIOR APPLICATION NUMBER: PCT/US00/14042  
65 (151) PRIOR FILING DATE: 2000-05-22  
69 (150) PRIOR APPLICATION NUMBER: US 60/209,832  
70 (151) PRIOR FILING DATE: 2000-06-05  
72 (160) NUMBER OF SEQ ID NOS: 170

## ERRORED SEQUENCES

12968 (110) SEQ ID NO: 170  
12969 (111) LENGTH: 41  
12970 (112) TYPE: DNA  
12971 (113) ORGANISM: Artificial Sequence  
12973 (120) FEATURE:  
12974 (121) OTHER INFORMATION: Synthetic oligonucleotide probe  
12976 (140) SEQUENCE: 170  
12977 caggaaacag ctatgaccac ctgcacacct gcaaatccat t 41

E--&gt; 12981 (148)

## VERIFICATION SUMMARY

DATE: 02/12/2003

PATENT APPLICATION: US/10/063,557

TIME: 07:59:07

Input Set : N:\AMC\Sequence\_Listing\_as\_filedP3230R1C39.txt

Output Set: N:\CRF4\02122003\J063557.raw

L:5838 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:1500  
L:12981 M:254 E: No. of Bases conflict, this line has no nucleotides.